



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



UHF RFID Inlays  
**AD-317iL**



# direct attach

**Dimensions:**

**Operating Frequency:** Global (860 - 960MHz)

**RF Protocol:** ISO-18000-6C, EPC Class 1 Gen 2

**Chip:** NXP UCODE G2iL

**EPC Memory:** 128 bit

**TID Memory:** 64 bit Tag Identifier (TID) including 32 bit factory locked unique

866-903- RFID (7343) / [rfid.info@averydennison.com](mailto:rfid.info@averydennison.com)

**Common Applications:**

- Apparel and Retail
- Jewelry

| Part Number                                 | 600404   | 600405   |
|---|--|--|
| Format                                      | Dry Inlay  | Wet (pressure- sensitive) Inlay                                |
| Antenna dimensions (CDxMD)                  | 1.63 x 0.63 in [41.4 x 16 mm]                                  | 1.63 x 0.63 in [41.4 x 16 mm]                                  |
| Die- cut dimensions                         | N/ A   | 1.75 x 0.75 in [44.45 x 19.05 mm]                              |
| Inlay substrate material                    | PET  | PET  |
| Inlay- to- liner adhesive                   | N/ A   | S-490 (FASSON)   |
| Liner material                              | N/ A   | 1.5M Clear PET   |
| Face sheet                                  | N/ A   | N/ A   |
| Standard pitch                              | 1.5 in [38.1 mm]   | 1.5 in [38.1 mm]   |
| Standard web width                          | 2.0 in [50.8 mm]   | 2.0 in [50.8 mm]   |
| Total thickness over chip                   | 10 -13 mils [254 - 330.2 microns]                              | 14 -17 mils [356 - 431.8 microns]                              |
| Operating temperature                       | -40 to 185 F [-40 to 85 C]                                     | -40 to 185 F [-40 to 85 C]                                     |
| RoHS  | EU Directive 2011/65/ EU Compliant                             | EU Directive 2011/65/ EU Compliant                             |
| Quality assurance                           | Compliant 100% read tested with out- of tolerance inlay marked | Compliant 100% read tested with out- of tolerance inlay marked |
| Un- wind direction                          | Inlay - side Out   | Inlay - side Out   |
| Core size with adaptor insert               | 3 in [76.2mm]  | 3 in [76.2 mm]   |
| Maximum roll outer diameter (not to exceed) | 15.38in [390.65 mm]  | 13 in [330.2 mm]   |
| Average # of units per roll                 | 12,000   | 12,000   |
| Rev   | 00   | 00   |

**CARE AND HANDLING** RFID inlays are sensitive to ESD. Observe standard practices to keep environmental static charge to a minimum.

**APPLICATIONS** This product should be tested by the customer/ user thoroughly under end use conditions to ensure the product meets the particular requirements. Avery Dennison does not represent that this product is fit for any particular purpose or use.

**WARRANTY** Please refer to Avery Dennison RFID standard terms and conditions. The information contained herein is believed to be reliable but Avery Dennison makes no representation concerning the accuracy or correctness of the data.

**PRODUCT CHANGES** Avery Dennison reserves the right to modify, change, supplement or discontinue product offerings at any time without notice.

**TRADEMARK STATEMENT** Avery Dennison, S490 and Fasson are trademarks of Avery Dennison Corporation. For the most recent information on Avery Dennison products, visit [www.rfid.averydennison.com](http://www.rfid.averydennison.com).